

Project Title	Funding	Strategic Plan Objective	Institution
Placental vascular tree as biomarker of autism/ASD risk	\$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Abnormal vestibulo-ocular reflexes in autism: A potential endophenotype	\$0	Q1.L.A	University of Florida
Identification of lipid biomarkers for autism	\$0	Q1.L.A	Massachusetts General Hospital
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	\$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
CDI-Type I: Understanding regulation of visual attention in autism through computational and robotic modeling	\$0	Q1.L.B	Yale University
A novel quantitative framework to study lack of social interactions in autism	\$0	Q1.L.B	Rutgers, The State University of New Jersey - New Brunswick
HCC: Medium: Automatic detection of atypical patterns in cross-modal affect	\$0	Q1.L.B	Oregon Health & Science University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Illinois at Urbana Champaign
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Trustees of Boston University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Massachusetts Institute of Technology
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
Family studies of sensorimotor and neurocognitive heterogeneity in autism spectrum disorders (ASD)	\$0	Q1.L.B	University of Texas Southwestern Medical Center
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$0	Q1.Other	Cornell University
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of Miami
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
Atypical pupillary light reflex in individuals with autism	\$0	Q1.Other	University of Missouri

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Online communication assessment to improve outcomes for individuals with severe disabilities	\$0	Q1.Other	Oregon Health & Science University
Collaborative research: The path to verb learning	\$0	Q2.Other	Temple University
Collaborative research: The path to verb learning	\$0	Q2.Other	University of Delaware
CAREER: Model-based fMRI of human object recognition	\$0	Q2.Other	Georgetown University
A developmental social neuroscience approach to perception-action relations	\$0	Q2.Other	Temple University
Collaborative research: Learning complex auditory categories	\$0	Q2.Other	Carnegie Mellon University
Collaborative research: RUI: Perceptual pick-up processes in interpersonal coordination	\$0	Q2.Other	College of the Holy Cross
Dimensions of mind perception	\$0	Q2.Other	Harvard University
Exploring the uncanny valley	\$0	Q2.Other	Carnegie Mellon University
Collaborative research: Modeling perception and memory: Studies in priming	\$0	Q2.Other	University of California, San Diego
Infants' developing representation of object function	\$0	Q2.Other	University of California, Davis
Collaborative research: Modeling perception and memory: Studies in priming	\$0	Q2.Other	Indiana University
Collaborative research: Learning complex auditory categories	\$0	Q2.Other	University of Arizona
CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California
Multiple systems in theory of mind development	\$0	Q2.Other	Rutgers, The State University of New Jersey - New Brunswick
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
CAREER: The role of prosody in word segmentation and lexical access	\$0	Q2.Other	Michigan State University
CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
Role of autism-susceptibility gene, CNTNAP2, in neural circuitry for vocal communication	\$0	Q2.Other	University of California, Los Angeles
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.

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Excessive cap-dependent translation as a molecular mechanism underlying ASD	\$0	Q2.Other	New York University
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Developing novel automated apparatus for studying battery of social behaviors in mutant mouse models for autism	\$0	Q2.Other	Weizmann Institute of Science
Serotonin signal transduction in two groups of autistic patients	\$0	Q2.Other	University of Illinois at Chicago
Self-injurious behavior: An animal model of an autism endophenotype	\$0	Q2.Other	University of Florida
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	\$0	Q2.Other	Duke University
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	Arkansas Children's Hospital Research Institute
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	State University of New York at Potsdam
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$0	Q2.S.A	Weill Cornell Medical College
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	University of Rochester
Mechanisms of mitochondrial dysfunction in autism	\$0	Q2.S.A	Georgia State University
Modulation of fxr1 splicing as a treatment strategy for autism in fragile X syndrome	\$0	Q2.S.D	Stanford University
The functional link between DISC1 and neuroligins: Two genetic factors in the etiology of autism	\$0	Q2.S.D	Children's Memorial Hospital, Chicago
Gastrointestinal functions in autism	\$0	Q2.S.E	University at Buffalo, The State University of New York
Etiology of sleep disorders in ASD: Role of inflammatory cytokines	\$0	Q2.S.E	University of Maryland, Baltimore
Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	\$0	Q2.S.G	Massachusetts General Hospital
Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	\$0	Q2.S.G	Massachusetts General Hospital
A Multigenerational longitudinal study of language development: Insight from autism	\$0	Q2.S.G	Northwestern University
A multigenerational longitudinal study of language development: Insight from autism	\$0	Q2.S.G	University of North Carolina at Chapel Hill
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	\$0	Q3.L.B	Memorial Sloan-Kettering Cancer Center

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Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Massachusetts General Hospital
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis	\$0	Q3.S.C	University of California, Davis
MeHG stimulates antiapoptotic signaling in stem cells	\$0	Q3.S.F	Kennedy Krieger Institute
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	\$0	Q3.S.F	East Carolina University
Analysis of the small intestinal microbiome of children with autism	\$0	Q3.S.I	Massachusetts General Hospital
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Johns Hopkins University
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Kennedy Krieger Institute
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Parent-mediated vs. center-based intervention for toddlers with ASD: An RCT	\$0	Q4.L.D	Kennedy Krieger Institute
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$0	Q4.L.D	University at Buffalo, The State University of New York
Translating pivotal response training into classroom environments	\$0	Q4.L.D	Rady Children's Hospital Health Center
Social communication and symbolic play intervention for preschoolers with autism	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Comparative effectiveness of therapies for children with autism spectrum disorders	\$0	Q4.Other	Agency for Healthcare Research and Quality and Vanderbilt University
MRI: Acquisition of instruments for interaction, learning, and perception in virtual environments	\$0	Q4.Other	Vanderbilt University
Animated Visual Supports for Social Skills (AViSSS)	\$0	Q4.Other	University of Kansas Medical Center Research Institute, Inc.

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Using robotics to promote social cognitive skills in the inclusive classroom	\$0	Q4.Other	Anthrotronix, Inc.
An interactive social tutoring system to improve and measure social goals for students with high functioning autism spectrum disorders	\$0	Q4.Other	3-C Institute for Social Development
Virtual environment for social information processing (VESIP)	\$0	Q4.Other	Soar Technology, Inc.
Daily living and community skills video game for children with developmental disabilities	\$0	Q4.Other	Sandbox Learning Company
The Autism Curriculum Encyclopedia® (ACE®)	\$0	Q4.Other	New England Center for Children, Inc.
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders -2	\$0	Q4.S.B	Burnham Institute
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders - 1	\$0	Q4.S.B	Burnham Institute
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	\$0	Q4.S.B	Massachusetts Institute of Technology
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Novel strategies to manipulate Ube3a expression for the treatment of autism and Angelman syndrome	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Novel probiotic therapies for autism	\$0	Q4.S.B	California Institute of Technology
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	\$0	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
Leap - USA (Using Science-Based Approaches)	\$0	Q4.S.D	University of Colorado Denver
Improving synchronization and functional connectivity in autism spectrum disorders through plasticity-induced rehabilitation training	\$0	Q4.S.F	University of California, San Diego
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
HCC: Collaborative research: Social-emotional technologies for autism spectrum disorders	\$0	Q4.S.F	Massachusetts Institute of Technology
HCC: Collaborative research: Social-emotional technologies for autism spectrum disorders	\$0	Q4.S.F	The Groden Center, Inc.
Using technology to expand and enhance applied behavioral analysis programs for children with autism in military families	\$0	Q5.L.A	University of Nebraska Medical Center

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Project SCIPP (Significant Cognitive Disabilities Personnel Preparation - A Multi-University Consortium)	\$0	Q5.L.A	University of Florida
Development of an internet-based parent training intervention for children with ASD	\$0	Q5.L.A	Michigan State University
Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)	\$0	Q5.L.A	University of Southern California
Leadership Education in Neurodevelopmental Disabilities	\$0	Q5.L.A	University of Arizona
Tele-health delivery of a family-focused intervention to reduce anxiety in youth with autism spectrum disorders in rural Colorado	\$0	Q5.L.A	University of Colorado Denver
Project STARS: Specialized Training in Autism for Rural Schools	\$0	Q5.L.A	West Virginia University Research Corporation
Southern Connecticut State University Center for Excellence on Autism Spectrum Disorders	\$0	Q5.L.C	Southern Connecticut State University
Project Adapted PE	\$0	Q5.L.C	University of Utah
National Center on Inclusive Education for Children and Youth with Autism Spectrum Disorders	\$0	Q5.L.C	University of New Hampshire - Institute on Disability/University Center for Excellence on Disability (UCED)
Autism interventions and innovative evaluation of teacher quality	\$0	Q5.L.C	Texas A & M International University
Project Mosaic: Preparing highly qualified educators to meet the unique needs of students with autism in diverse settings	\$0	Q5.L.C	San Francisco State University
New Families, Agencies, Communities, and Educational Strategies (FACES) in early childhood special education	\$0	Q5.L.C	San Jose State University Foundation
Project Manawa Kupono (Opportunity): Preparing educators to improve outcomes for students with autism	\$0	Q5.L.C	University of Hawaii
Leadership Education in Neurodevelopmental Disabilities	\$0	Q5.L.C	University of Minnesota
Leadership Education in Neurodevelopmental Disabilities	\$0	Q5.L.C	University of Alaska Anchorage
National Center on Inclusive Education for Children with Autism Spectrum Disorders and Related Disabilities	\$0	Q5.L.C	University of New Hampshire - Institute on Disability/University Center for Excellence on Disability (UCED)
Preparation of personnel to serve school age children with low incidence disabilities: Focus on high quality instruction in core academic area in the least restrictive environment	\$0	Q5.L.C	University of New Hampshire
Personnel preparation program in low-incidence severe disabilities	\$0	Q5.Other	University of North Carolina at Chapel Hill
Preparation of personnel to service children with high-incidence disabilities	\$0	Q5.Other	University of Washington

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Project DATA (Developmentally Appropriate Treatment for Autism) for teachers: Preparing teachers for toddlers and preschoolers with autism spectrum disorder	\$0	Q5.Other	University of Washington
Training school psychologists as specialists in the inclusion of students with autism	\$0	Q5.Other	Lehigh University
Friendship Circle: Play therapy program at LifeTown	\$0	Q5.Other	Friendship Circle
Preparation of occupational therapists and physical therapists for service provision in early intervention and related services	\$0	Q5.Other	University of Oklahoma
Preparing special educators to be leaders in the implementation of effective techniques for supporting children and youth with autism spectrum disorders	\$0	Q5.Other	Santa Clara University
Florida's state personnel development grant	\$0	Q5.Other	Florida Department of Education
Personnel preparation for serving children with low incidence disabilities	\$0	Q5.Other	University of Vermont and State Agricultural College
Supporting the well-being of families of young children with autism spectrum disorders	\$0	Q5.Other	Boston University School of Medicine
Center for Education and Research on Mental Health Therapeutics	\$0	Q5.Other	Rutgers, The State University of New Jersey - New Brunswick
Meeting the needs of individuals with autism spectrum disorders through comprehensive services	\$0	Q5.Other	Centers for Medicare & Medicaid Services (CMS)
Gateway to adventure	\$0	Q5.Other	Wilderness Inquiry
Leadership in Family-Centered Early Intervention (LIFE) personnel preparation program	\$0	Q5.Other	Florida State University
Creating instructional leaders for students with low-incidence disabilities	\$0	Q5.Other	University of Washington
Collaborative personnel preparation in autism	\$0	Q5.Other	University of Georgia
The Connie Belin & Jacqueline N. Blank International Center for Gifted Education and Talent Development	\$0	Q5.Other	University of Iowa
Special educator preparation in autism spectrum disorders	\$0	Q5.Other	University of Central Florida
Autism insurance policy and access to care for children with autism: A state level analysis	\$0	Q5.S.A	University of North Carolina at Chapel Hill
Assessing a participant directed service system for low income children with ASD	\$0	Q5.S.B	Brandeis University
Report on state services to individuals with autism spectrum disorders - Nine state study	\$0	Q5.S.C	Centers for Medicare & Medicaid Services (CMS)
Evaluating and enhancing driving skills of individuals with Asperger's and high-functioning autism	\$0	Q6.L.A	University of Virginia
Extended School Year/Summer Camp (ESY/SC)	\$0	Q6.L.A	S.A.F.E., Inc. (Supporting Autism and Families Everywhere)

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IDEA Learning Center	\$0	Q6.L.A	Intellectual Disabilities Education Association, Inc. - IDEA Learning Center
An enhanced performance training and support system for individuals with autism spectrum disorders	\$0	Q6.L.A	Prevention Group, LLC
Comparative effectiveness of interventions for adolescents and young adults with autism spectrum disorders	\$0	Q6.Other	Agency for Healthcare Research and Quality and Vanderbilt University
Spectrum Support Program (SSP): A transition and support program for students with autism spectrum disorders pursuing degrees and careers in STEM fields	\$0	Q6.Other	Rochester Institute of Technology
A personnel preparation partnership for transition endorsement in low-incidence disability	\$0	Q6.S.D	Kent State University
Preparation for transition and secondary teachers of students with low-incidence disabilities	\$0	Q6.S.D	Kent State University
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	\$0	Q7.K	University of North Carolina at Chapel Hill
Early Childhood Special Education Leadership (ECSEL)	\$0	Q7.K	University of Colorado Denver
Project STARS: Systematic Training for Autism Researchers and School Personnel	\$0	Q7.K	University of North Texas
Preparation of leadership personnel to serve infants, toddlers, children, and youth with autism	\$0	Q7.K	Florida State University
Leadership training in severe disabilities/autism	\$0	Q7.K	Vanderbilt University
Comprehensive clinical phenotyping and genetic mapping for the discovery of autism susceptibility genes.	\$0	Q7.Other	Nationwide Children's Hospital
ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways	\$1	Q2.Other	University of Pittsburgh
ACE Center: Data Management/Statistical Core	\$46	Q7.Other	University of Washington
Global & targeted profiling of protein, phospho and O-GlcNAc to understand synapses	\$994	Q2.Other	University of California, San Francisco
The role of the Rett gene, chromosome 15q11-q13, other genes, and epigenetics	\$1,187	Q3.S.J	Baylor College of Medicine
Leadership Education in Neurodevelopmental Disabilities	\$2,500	Q1.S.B	University of Alabama at Birmingham
Leadership Education in Neurodevelopmental Disabilities	\$3,300	Q5.L.C	University of Oklahoma
Leadership Education in Neurodevelopmental Disabilities	\$6,000	Q5.L.C	University of Tennessee Health Science Center
Folate rechallenge: A pilot study	\$6,332	Q4.S.C	Baylor College of Medicine
OPAM: A conference on object perception attention and memory	\$7,200	Q7.K	University of South Carolina



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The emergence of emotion regulation in children at-risk for autism spectrum disorder	\$8,719	Q1.L.A	University of Miami
Neuroimaging & symptom domains in autism	\$10,135	Q1.L.B	University of California, Los Angeles
Environmental Epigenomics and Disease Susceptibility	\$12,200	Q7.K	Keystone Symposia
dFMRP and Caprin: Translational regulators of synaptic plasticity	\$12,768	Q2.S.D	University of Washington
Structural brain differences between autistic and typically-developing siblings	\$13,020	Q2.Other	Stanford University
Next generation approaches to non-human primate bioinformatics	\$13,753	Q3.Other	Harvard Medical School
Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco	\$14,510	Q1.Other	Columbia University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$16,000	Q1.L.B	Carnegie Mellon University
Clinical trial: Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$16,227	Q4.S.A	Baylor College of Medicine
Locus-specific imprinting on the mammalian X chromosome (supplement)	\$16,875	Q3.S.J	University of Connecticut
A history of behavioral genetics	\$19,900	Q3.Other	University of Pittsburgh
2011 Cerebellum Gordon Research Conference	\$20,000	Q7.K	Gordon Research Conferences
Interdisciplinary Training Conference in Developmental Disabilities	\$20,000	Q7.K	University of Wisconsin - Madison
Genetic dissection of restricted repetitive behavior (RRB)	\$22,813	Q2.S.G	University of Florida
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$24,000	Q1.L.B	Georgia Tech Research Corporation
Cellular characterization of Caspr2	\$24,666	Q2.Other	University of California, San Diego
Central vasopressin receptors and affiliation (supplement)	\$25,000	Q4.S.B	Emory University
Environmentally Triggered Neurodevelopmental Disorders: Focus on Endocrine Disruption and Sex Differences in Autism, ADHD, and Schizophrenia	\$25,000	Q7.K	University of Arkansas for Medical Sciences
Leadership Education in Neurodevelopmental Disabilities	\$26,000	Q4.Other	University of Pennsylvania
The role of intracellular metabotropic glutamate receptor 5 at the synapse	\$26,338	Q2.S.D	Washington University in St. Louis
CAREER: Typical and atypical development of brain regions for theory of mind	\$27,670	Q2.Other	Massachusetts Institute of Technology

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Longitudinal neurodevelopment of auditory and language cortex in autism	\$27,942	Q2.Other	University of Utah
Validating electrophysiological endophenotypes as translational biomarkers of autism	\$28,049	Q4.S.B	University of Pennsylvania
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$28,756	Q4.Other	University of Southern California
Proteomics in drosophila to identify autism candidate substrates of UBE3A (supplement)	\$29,600	Q2.S.D	University of Tennessee Health Science Center
Presynaptic regulation of quantal size by the cation/H <sup>+</sup> exchangers NHE6 & NHE9	\$29,650	Q2.Other	University of California, Berkeley
Reducing obesity risk in children with developmental disabilities	\$29,999	Q5.L.D	Temple University
Project 1: Effect of multi-level environmental exposure on birth outcomes	\$30,931	Q3.S.C	University of California, Berkeley
Elucidation of the developmental role of Jakmip1, an autism-susceptibility gene	\$31,042	Q2.Other	University of California, Los Angeles
Neural mechanisms underlying obsessive compulsiveness in ASD	\$31,987	Q1.L.B	University of Michigan
L-type calcium channel regulation of neuronal differentiation	\$32,129	Q2.S.D	Stanford University
Neural mechanisms of imitative behavior: Implications for mental health	\$32,696	Q2.Other	University of California, Los Angeles
ACE Center: Administrative Core	\$32,936	Q7.Other	University of California, San Diego
Sensory over responsivity & anxiety in youth with autism	\$33,337	Q4.Other	University of California, Los Angeles
Mechanism of UBE3A imprint in neurodevelopment	\$33,616	Q2.S.D	University of California, Davis
Regulation of activity-dependent ProSap2 synaptic dynamics	\$33,879	Q2.Other	Stanford University
Cortical microcircuit dysfunction as a result of MET deficiency: A link to autism	\$33,955	Q2.Other	Northwestern University
Multisensory integration and temporal synchrony in autism	\$35,100	Q2.Other	University of Rochester
Investigating the homeostatic role of MeCP2 in mature brain	\$35,400	Q2.S.D	Baylor College of Medicine
Predicting autism through behavioral and biomarkers of attention in infants	\$35,518	Q1.L.A	University of South Carolina
The role of MeCP2 in Rett syndrome (supplement)	\$38,273	Q2.S.D	University of California, Davis
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$39,418	Q4.S.D	University of Michigan
Functional role of IL-6 in fetal brain development and abnormal behavior	\$41,800	Q2.Other	California Institute of Technology

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Molecular controls over callosal projection neuron subtype specification and diversity	\$41,800	Q2.Other	Harvard University
Pleiotropic roles of dyslexia genes in neurodevelopmental language impairments	\$41,800	Q2.S.D	Yale University
The relationship between state EPSDT policies, well-child care and age of autism	\$41,800	Q5.S.A	Johns Hopkins University
Bioinformatics and Computational Approaches to Integrate Genes and Environment in Autism Research	\$46,991	Q3.S.G	N/A
The effects of autism on the sign language development of deaf children	\$47,210	Q2.Other	Boston University
International Meeting for Autism Research (IMFAR)	\$47,822	Q7.K	University of California, Davis
Frontostriatal synaptic dysfunction in a model of autism	\$48,398	Q2.Other	Stanford University
Population genetics to improve homozygosity mapping and mapping in admixed groups	\$48,398	Q3.L.B	Harvard Medical School
Multisensory integration and temporal processing in autism	\$48,398	Q4.S.C	Vanderbilt University
The comparison of three behavioral therapy approaches for children with autism	\$49,369	Q4.S.F	University of Rhode Island
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$50,434	Q2.S.E	University of Melbourne
Cellular structure of the amygdala in autism	\$51,326	Q1.L.B	University of California, Davis
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	\$51,326	Q2.S.D	University of Texas Southwestern Medical Center
Characterization of autism susceptibility genes on chromosome 15q11-13	\$51,326	Q4.S.B	Beth Israel Deaconess Medical Center
Vicarious neural activity, genetic differences and social fear learning	\$51,326	Q4.S.B	Oregon Health & Science University
Neural systems for the extraction of socially-relevant information from faces	\$51,783	Q2.Other	Dartmouth College
Multimodal studies of executive function deficits in autism spectrum disorders	\$51,942	Q2.Other	Massachusetts General Hospital
Functional properties and directed connectivity in the face-processing network	\$53,042	Q2.Other	Yale University
The development of selective attention in infancy as measured by eye movements	\$53,376	Q1.Other	York University
Rapid characterization of balanced genomic rearrangements contributing to autism	\$53,459	Q3.L.B	Massachusetts General Hospital
fMRI study of reward responsiveness of children with autism spectrum disorder	\$53,566	Q2.Other	University of California, Los Angeles
Regulation of synapse elimination by FMRP	\$54,734	Q2.S.D	University of Texas Southwestern Medical Center
Role of GluK6 in cerebella circuitry development	\$55,826	Q2.Other	Yale University

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Brain lipid rafts in cholesterol biosynthesis disorders	\$60,480	Q2.Other	Medical College of Wisconsin
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$69,813	Q2.S.E	University of Melbourne
NIH Workshop: Ethical, Legal and Social Implications of Autism Research	\$71,489	Q1.S.F	N/A
An investigation of the overlap of autism and fragile X syndrome	\$71,632	Q2.S.G	University of North Carolina at Chapel Hill
Visual attention and fine motor coordination in infants at risk for autism	\$73,315	Q1.L.A	University of Connecticut
Genetic components influencing the feline - human social bond	\$73,680	Q4.Other	University of California, Davis
Neurocognitive mechanisms underlying children's theory of mind development	\$74,160	Q2.Other	University of California, San Diego
Cultural equivalence of autism assessment for Latino children	\$74,250	Q1.S.B	University of Wisconsin - Madison
OCT blockade to restore sociability in 5-HT transporter knock-out mice	\$74,250	Q4.S.B	University of Texas Health Science Center at San Antonio
Anatomy of primate amygdaloid complex	\$75,629	Q2.Other	University of California, Davis
A non-human primate autism model based on maternal immune activation	\$75,629	Q2.S.A	University of California, Davis
Primate models of autism	\$75,629	Q2.S.A	University of California, Davis
Neurocognitive markers of response to treatment in autism	\$75,983	Q4.S.F	University of California, Davis
Customized representations promote language learning for older learners with ASD	\$76,500	Q4.S.G	University of Delaware
Face perception: Mapping psychological spaces to neural responses	\$79,992	Q2.Other	Stanford University
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri (expanded)	\$80,803	Q7.L	Washington University in St. Louis
Components of limited activity monitoring in toddlers with ASD	\$82,750	Q1.L.B	Yale University
Controlling interareal gamma coherence by optogenetics, pharmacology and behavior	\$83,521	Q2.Other	Massachusetts Institute of Technology
MET signaling in neural development and circuitry formation	\$83,810	Q2.Other	University of Southern California
Learning and compression in human working memory	\$84,000	Q2.Other	Harvard University
Synaptic deficits of iPS cell-derived neurons from patients with autism	\$86,446	Q4.S.B	Stanford University
Language development and outcome in children with autism (supplement)	\$88,096	Q1.L.C	University of Connecticut

Project Title	Funding	Strategic Plan Objective	Institution
State of the states in services and supports for persons with autism spectrum disorder.	\$88,154	Q7.B	Centers for Medicare & Medicaid Services (CMS)
Investigating brain connectivity in autism at the whole-brain level	\$90,000	Q2.Other	California Institute of Technology
Presynaptic fragile X proteins	\$90,000	Q2.S.D	Brown University
Self-regulation and sleep in children at risk for autism spectrum disorders	\$90,000	Q2.S.E	University of California, Davis
Hypocholesterolemic autism spectrum disorder	\$92,155	Q3.L.B	National Institutes of Health
Action anticipation in infants	\$98,745	Q2.Other	University of Chicago
Autism intervention challenges for low-income children	\$99,988	Q5.S.A	University of California, Los Angeles
Access, quality and financial implications of the transitions of children with autism	\$100,000	Q5.S.A	University of North Carolina at Chapel Hill
Transition age young adults with autism: The role of self-determination, social skills, job search, transportation, and rehabilitation services in employment outcomes	\$100,000	Q6.S.A	University of Massachusetts Boston
Experience and cognitive development in infancy	\$100,798	Q2.Other	University of California, Davis
Cognitive control of emotion in autism	\$103,256	Q2.Other	University of Pittsburgh
Identifying neurobiological markers of the broader autism phenotype	\$106,245	Q1.L.B	University of Melbourne
MTHFR functional polymorphism C677T and genomic instability in the etiology of idiopathic autism in simplex families	\$114,984	Q2.Other	Queen's University
A cognitive-behavioral intervention for children with autism spectrum disorders	\$116,765	Q4.Other	Virginia Polytechnic Institute and State University
A novel adaptive transactional virtual reality-based assistive technology for autism intervention	\$116,875	Q4.Other	Vanderbilt University
ACE Center: Administrative Core	\$118,056	Q7.Other	Yale University
Vasopressin receptors and social attachment	\$121,500	Q4.S.B	Emory University
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah (expanded)	\$124,949	Q7.L	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona (expanded)	\$124,950	Q7.L	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin (expanded)	\$124,950	Q7.L	University of Wisconsin - Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey (expanded)	\$124,950	Q7.L	University of Medicine & Dentistry of New Jersey
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina (expanded)	\$124,950	Q7.L	Medical University of South Carolina
KSU student chapter of the IEEE EMBS as a focal point for senior design projects to aid children with disabilities	\$124,999	Q5.Other	Kansas State University

Project Title	Funding	Strategic Plan Objective	Institution
Electrophysiological correlates of cognitive control in autism	\$129,098	Q1.L.B	University of California, Davis
UC Davis Center for Children's Environmental Health (CCEH) (supplement)	\$130,000	Q3.L.D	University of California, Davis
MicroRNAs in synaptic plasticity and behaviors relevant to autism	\$131,220	Q2.S.D	Massachusetts General Hospital
Functional imaging of flexibility in autism: Informed by SLC6A4	\$132,748	Q2.S.G	Children's Research Institute
Intersensory perception of social events: Typical and atypical development	\$134,355	Q1.L.C	Florida International University
Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
International Mental Health/Developmental Disabilities Research Training Program	\$138,232	Q7.K	Boston Children's Hospital
Center for Genomic and Phenomic Studies in Autism (supplement)	\$141,462	Q3.S.C	University of Southern California
Risk and resiliency for youth with autism during the transition to adulthood	\$142,193	Q6.S.A	Vanderbilt University
Murine genetic models of autism	\$142,791	Q4.S.B	Vanderbilt University
Risk factors, comorbid conditions, and epidemiology of autism in children	\$143,162	Q3.S.H	Henry M. Jackson Foundation
How autism affects speech understanding in multitaler environments	\$143,264	Q2.Other	University of Maryland, College Park
Mutliple social tasks and social adjustment	\$143,550	Q1.L.B	California State University, Northridge
Monolingual and bilingual infants' sensitivity to agreement morphology in Spanish	\$143,650	Q2.Other	Florida International University
Defining the dynamics of the default network with direct brain recordings and functional MRI	\$144,317	Q2.Other	University of Washington
Simons Simplex Collection	\$144,848	Q3.L.B	Baylor College of Medicine
White matter glial pathology in autism	\$145,689	Q2.Other	East Tennessee State University
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	\$145,757	Q2.Other	University of California, Los Angeles
Grammatical development in boys with fragile X syndrome and autism	\$148,500	Q2.S.D	University of Wisconsin - Madison
Mental Health/Disabilities (MHDD) Research Education Program	\$148,926	Q7.K	Boston Children's Hospital
A randomized control study of relationship focused intervention with young children	\$149,213	Q4.L.D	Case Western Reserve University
Sensory integration and language processing in autism	\$149,435	Q1.L.C	University of Rochester
Consortium for promoting cross-linguistic understanding of communication disabilities in children	\$149,747	Q5.Other	East Tennessee State University

Project Title	Funding	Strategic Plan Objective	Institution
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	\$149,993	Q4.L.D	3-C Institute for Social Development
Surveillance of Autism Spectrum Disorders (ASD) in select children in Minneapolis and of Somali descent	\$150,000	Q7.J	University of Minnesota
Structural and functional neural correlates of early postnatal deprivation	\$150,423	Q3.S.H	Wayne State University
Cognitive control in autism	\$152,627	Q2.Other	University of California, Davis
Neural basis of cross-modal influences on perception	\$154,104	Q2.Other	University of California, San Diego
Atypical late neurodevelopment in autism: A longitudinal MRI and DTI study (supplement)	\$154,416	Q2.Other	University of Utah
A primate model of gut, immune, and CNS response to childhood vaccines	\$156,634	Q2.S.A	University of Washington
Infant Primate Research Laboratory	\$156,634	Q7.Other	University of Washington
Sex differences in early brain development; Brain development in turner syndrome	\$156,841	Q2.S.D	University of North Carolina at Chapel Hill
Motor control and cerebellar maturation in autism	\$157,148	Q2.Other	University of Texas Southwestern Medical Center
ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion	\$157,294	Q2.Other	University of Pittsburgh
The Study of Toddlers with Autism and Regression (STAR) Protocol – Screening for treatable disorders and biomarkers of inflammation and immune activation in the plasma and CNS	\$158,461	Q2.S.A	Surrey Place Centre, Toronto
Neurobehavioral investigation of tactile features in autism spectrum disorders	\$159,480	Q2.Other	Vanderbilt University
Post-doctoral training in special education research	\$159,737	Q7.K	University of North Carolina at Chapel Hill
The intersection of autism and ADHD	\$161,293	Q1.L.B	Washington University in St. Louis
Functional neuroimaging of psychopharmacologic intervention for autism	\$162,009	Q2.L.B	University of North Carolina at Chapel Hill
Post-doctoral special education research training in urban communities: A research to practice model	\$163,459	Q7.K	University of Kansas
Translational developmental neuroscience of autism	\$164,718	Q1.L.B	New York University School of Medicine
RI: Small: Addressing visual analogy problems on the raven's intelligence test	\$165,546	Q2.Other	Georgia Tech Research Corporation
Multimodal brain imaging in autism spectrum disorders	\$167,832	Q2.Other	University of Washington
ACE Center: Risk and protective factors in the development of associated symptoms in autism	\$168,117	Q4.S.F	University of Washington
Structural and functional connectivity of large-scale brain networks in autism spectrum disorders	\$168,978	Q2.Other	Stanford University
Identification of candidate genes at the synapse in autism spectrum disorders	\$169,422	Q2.Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Pathophysiology of MeCP2 spectrum disorders	\$170,383	Q2.S.D	Baylor College of Medicine
Communicative and emotional facial expression production in children with autism	\$171,215	Q2.Other	University of Massachusetts Medical School
Contingency manipulation in discrete trial interventions for children with autism	\$171,215	Q4.Other	University of Massachusetts Medical School
Translating autism intervention for mental health services via knowledge exchange	\$172,585	Q5.L.A	University of California, San Diego
Guiding visual attention to enhance discrimination learning	\$172,842	Q4.Other	University of Massachusetts Medical School
Activity-dependent phosphorylation of MeCP2	\$174,748	Q2.S.D	Harvard Medical School
EEG-based assessment of functional connectivity in autism	\$175,176	Q2.Other	Kennedy Krieger Institute
ACE Center: Clinical Phenotype: Treatment Response Core	\$176,168	Q4.Other	University of California, San Diego
Magnetic source imaging and sensory behavioral characterization in autism	\$176,229	Q1.L.B	University of California, San Francisco
Genetic epidemiology of autism spectrum disorders	\$178,312	Q3.Other	Yale University
Behavioral and sensory evaluation of auditory discrimination in autism	\$178,529	Q2.Other	University of Massachusetts Medical School
Maternal cholesterol and autism	\$178,584	Q3.S.H	Oregon Health & Science University
Genetic dissection of restricted repetitive behavior (RRB)	\$180,303	Q2.S.G	Seattle Children's Hospital
Neural predictors of language acquisition after intensive behavioral intervention	\$181,207	Q1.L.B	University of California, Los Angeles
Il-6-mediated Jak2/Stat3 signaling and brain development	\$181,913	Q3.L.C	University of South Florida
Diffuse optical brain imaging	\$182,022	Q2.Other	National Institutes of Health
Developmental social neuroscience in infants at-risk for autism	\$182,092	Q1.L.C	Yale University
Longitudinal characterization of functional connectivity in autism	\$182,352	Q2.L.A	University of Utah
Preparing school psychologists to work with children with autism using evidence-based practices	\$182,623	Q5.Other	University of Utah
Multimodal analyses of face processing in autism & down syndrome	\$182,882	Q2.Other	University of Massachusetts Medical School
A neural model of fronto-parietal mirror neuron system dynamics	\$183,344	Q2.Other	University of Maryland, College Park
Genetic investigation of cognitive development in autistic spectrum disorders	\$184,248	Q3.L.B	Brown University
Pharmacotherapy of pervasive developmental disorders	\$184,540	Q4.L.C	Indiana University-Purdue University Indianapolis



Project Title	Funding	Strategic Plan Objective	Institution
Diffusion tensor MR spectroscopic imaging in human brain	\$185,213	Q2.Other	University of New Mexico Health Sciences Center
Autism: Neuropeptide hormones and potential pathway genes	\$185,370	Q2.S.G	University of Illinois at Chicago
Cochlear efferent feedback and hearing-in-noise perception in autism	\$186,794	Q2.Other	University of Rochester
Developmental characteristics of MRI diffusion tensor pathway changes in autism	\$188,027	Q1.L.A	Washington University in St. Louis
Predictors of effects of propranolol on language & connectivity in autism	\$188,378	Q4.S.F	University of Missouri
Texas Educators for Students with Autism (TESA)	\$188,681	Q5.Other	Texas State University-San Marcos
ACE Center: Data Management and Analysis Core	\$190,870	Q7.Other	Yale University
Training personnel in minority institutions to serve infants, toddlers, and children with disabilities	\$191,381	Q5.Other	Purdue University
Measuring social networks among parents and autism health care providers	\$195,000	Q5.Other	University of Chicago
Predicting useful speech in children with autism (supplement)	\$195,164	Q1.L.B	Vanderbilt University
Preparing tomorrow's school psychology faculty to meet the needs of children with disabilities using evidence-based practices	\$196,402	Q5.Other	University of Utah
Collaborative Adolescent Autism Teacher Training (CAATT)	\$196,413	Q5.Other	University of Georgia
Improving speech-language pathology services to children with severe disabilities through pre-professional and professional training	\$196,648	Q5.Other	Western Carolina University
Do animations facilitate symbol understanding in children with autism?	\$197,259	Q4.S.G	Northeastern University
Connectivity in social brain systems in autism	\$197,366	Q1.Other	Yale University
ACE Center: Imaging the autistic brain before it knows it has autism	\$197,682	Q2.Other	University of California, San Diego
Novel animal models of impaired social behavior and anxiety: A role for MeCP2	\$198,000	Q3.L.C	University of Pennsylvania
Neurodevelopmental mechanisms of social behavior (supplement)	\$198,063	Q2.Other	University of Southern California
Adapting cognitive enhancement therapy for ASD	\$198,582	Q4.Other	University of Pittsburgh
Developmental disabilities dentistry online	\$198,604	Q5.L.E	Praxis, Inc.
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	\$199,365	Q5.Other	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Project CHANGE (Children with Autism Need a Great Education)	\$199,463	Q5.Other	University of Texas at El Paso
Personnel to serve students with autism and significant cognitive disabilities	\$199,477	Q5.Other	Pace University
Preparing teachers to teach children with autism & developmental disabilities	\$199,523	Q5.Other	Bank Street College of Education
Project S.A.G.E. Successfully Accessing General Education	\$199,631	Q5.Other	University of South Florida
Project DART: Distance Education for Autism Personnel in Rural Texas	\$199,689	Q5.L.A	University of North Texas
Project Connect: Connecting school districts with highly qualified teachers in low-incidence disabilities	\$199,763	Q5.Other	University of Nevada
Futures Project: Preparing special educators to use evidence-based practices to support desirable futures for students with significant disabilities	\$199,866	Q5.Other	Portland State University
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	\$199,910	Q4.Other	Orelana Hawks Puckett Institute
Experimental evaluation of the Online and Applied System for Intervention Skills (OASIS) training program using video-conferencing for parents of children with an autism spectrum disorder	\$199,979	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Project PEACE (Preparing Educators About Autism Through Collaborative Efforts)	\$199,980	Q5.L.C	Florida International University
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	\$199,980	Q5.L.C	Bloomsburg University of Pennsylvania
Project CAT (Comprehensive Autism Teaching)	\$199,988	Q5.L.C	Touro University
Communication, autism, and technology	\$199,995	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Training school speech-language pathologists to assess and manage communication skills in children with autism	\$199,996	Q5.Other	University of Massachusetts Amherst
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$199,996	Q5.Other	University of North Texas
Sustaining evidence-based practice for young learners with autism spectrum disorders through a M.A. degree program	\$199,997	Q5.Other	San Diego State University
Examination of the use of a Spanish version of the Online and Applied System for Intervention Skills (OASIS) Training Program with parents of children with an autism spectrum disorder	\$200,000	Q5.L.A	University of Kansas Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Sustainable implementation of family-centered transition planning for young adults with autism spectrum disorders	\$200,000	Q5.L.A	University of New Hampshire
Collaborative partnerships	\$200,000	Q5.L.C	San Francisco State University
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	\$200,000	Q5.L.C	Western Carolina University
Project ASSET: Autism Spectrum Specialized Education and Training (ASSET)	\$200,000	Q5.L.C	Florida State University
The effects of a bicycle training intervention on health, physical activity, sleep, and community participation in youth with Down syndrome and autism spectrum disorders	\$200,000	Q5.L.D	University of Michigan
Recruiting and preparing highly qualified special educators	\$200,000	Q5.Other	University of Central Florida
Early Response Learning Initiative (EARLI)	\$200,000	Q5.Other	University of Virginia
East Carolina University Pathways	\$200,000	Q5.Other	East Carolina University
Kansas University: Autism and Early Childhood Education Professionals (KU-ACE)	\$200,000	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Preparing personnel for intervention with young children with autism	\$200,000	Q5.Other	Vanderbilt University
M.Ed. in autism spectrum disorders (ASDs) for teachers in the Department of Defense Dependent Schools (DoDDS)	\$200,000	Q5.Other	University of Maryland, College Park
Collaboration of Autism Specialists Training (COAST) Program	\$200,000	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.
Training personnel to serve school age children with low incidence disabilities: Autism spectrum disorders	\$200,000	Q5.Other	University of Kansas
Preparing special educators to work with children and youth with autism	\$200,000	Q5.Other	University of Oregon
Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	\$200,000	Q5.Other	California State University Chico Research Foundation
Training personnel to teach school-age children with autism	\$200,000	Q6.L.A	Auburn University
ACE Center: Integrated Biostatistical and Bionformatic Analysis Core (IBBAC)	\$205,018	Q1.L.A	University of California, San Diego
Epileptiform discharges and its relation to cognition and behavior in children with autism spectrum disorders	\$206,475	Q2.S.E	Vanderbilt University
Core D: Clinical Neuroscience Services	\$207,782	Q7.Other	Vanderbilt University
Metacognition in comparative perspective	\$210,896	Q2.Other	University at Buffalo, The State University of New York
Service transitions among youth with autism spectrum disorders	\$212,351	Q6.L.B	Washington University in St. Louis

Project Title	Funding	Strategic Plan Objective	Institution
2/5-Randomized trial of parent training for young children with autism	\$214,120	Q4.S.D	The Ohio State University
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$214,498	Q6.L.A	University of Iowa
Developing a novel treatment for restricted inflexible behavior	\$215,346	Q4.Other	University of Florida
University of Minnesota – Somali Autism Surveillance Project	\$215,462	Q7.J	University of Minnesota
Computerized system for phonemic awareness intervention	\$216,403	Q4.S.G	Biospeech, Inc.
In vivo targeted gene silencing, a novel method	\$218,472	Q2.Other	Indiana University-Purdue University Indianapolis
Sensory based CNS diagnostics for the clinic	\$218,946	Q1.S.B	University of North Carolina at Chapel Hill
Genetic models of serotonin transporter regulation linked to mental disorders	\$219,038	Q4.S.B	Medical University of South Carolina
Building a selective inhibitory control tone in autism: An rTMS study	\$219,780	Q4.Other	University of Louisville
Creating the Developmental-Behavioral Pediatrics Research Network	\$220,000	Q7.N	Children's Hospital of Philadelphia
Treatment of sleep disturbances in young children with autism	\$222,265	Q4.S.H	University of Pittsburgh
Teaching skills to toddlers: A program for caregivers	\$227,819	Q5.L.A	University of Connecticut
CNS toxicity of ambient air pollution: Postnatal exposure to ultrafine particles	\$229,433	Q2.S.A	University of Rochester
A comparative developmental connectivity study of face processing	\$229,574	Q2.Other	Medical University of South Carolina
Multisensory integration in children with ASD	\$229,813	Q2.Other	University of California, Davis
Identification of autism genes that regulate synaptic NRX/NLG signaling complexes	\$231,066	Q4.S.B	Stanford University
Project iTAPE: Improve Training in Adapted Physical Education	\$233,121	Q5.Other	University of Utah
Functional neuroimaging of attention in autism	\$234,240	Q2.S.E	University of Pennsylvania/Children's Hospital of Philadelphia
Sensory adapted dental environments to enhance oral care for children with autism	\$234,424	Q5.L.E	University of Southern California
5/5-Randomized trial of parent training for young children with autism	\$236,226	Q4.S.D	University of Pittsburgh
Decoding 'what' and 'who' in the auditory system of children with autism spectrum disorders	\$237,000	Q2.Other	Stanford University
Visual processing and later cognitive effects in infants with fragile X syndrome	\$237,070	Q1.Other	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Augmentation of the cholinergic system in fragile X syndrome: a double-blind placebo study	\$237,600	Q2.S.D	Stanford University
3/5-Randomized trial of parent training for young children with autism	\$239,726	Q4.S.D	University of Rochester
4/5-Randomized trial of parent training for young children with autism	\$240,121	Q4.S.D	Indiana University-Purdue University Indianapolis
Neurobiological signatures of audiovisual speech perception in children in ASD	\$240,420	Q2.Other	Haskins Laboratories, Inc.
Neocortical mechanisms of categorical speech perception	\$240,744	Q2.Other	University of California, San Francisco
Personnel preparation program in low incidence severe disabilities	\$241,608	Q5.L.C	University Of North Carolina at Charlotte
Sensor-based technology in the study of motor skills in infants at risk for ASD	\$242,606	Q1.L.A	University of Pittsburgh
Neuroimaging of social perception	\$242,812	Q2.Other	University of Virginia
Leading Excellence for Academic Positions in Special Education (LEAPS)	\$244,984	Q7.K	The Regents Of The University Of California
New approaches to local translation: SpaceSTAMP of proteins synthesized in axons	\$246,254	Q2.S.D	Dana-Farber Cancer Institute
Phase 2: Animated Visual Support for Social Support (AViSSS); An interactive virtual experience for social skill development	\$248,001	Q4.Other	University Of Kansas Center For Research, Inc.
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$248,865	Q3.Other	University of Texas Southwestern Medical Center
Analyses of brain structure and connectivity in young children with autism	\$249,000	Q1.L.B	University of California, Davis
Serotonin, autism, and investigating cell types for CNS disorders	\$249,000	Q4.S.B	Washington University in St. Louis
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	\$249,272	Q5.L.C	San Francisco State University
Neurobiology of mouse models for human chr 16p11.2 microdeletion and fragile X	\$249,480	Q4.S.B	Massachusetts Institute of Technology
Penn State Children's Communicative Competence Project	\$249,927	Q5.Other	Pennsylvania State University-University Park
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	\$249,999	Q5.Other	Texas Tech University
Project I-CARE: Culturally Aligned and Responsive Early Intervention.	\$250,000	Q5.L.C	Queen's College (City University of New York)

Project Title	Funding	Strategic Plan Objective	Institution
Project ABeLL: Preparing early childhood special educators to support young children with autism or disabilities in behavior, language and/or literacy	\$250,000	Q5.Other	University Of Missouri Board of Curators
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University Of Pittsburgh
Training & research for autism & collaboration in kinesiology	\$250,000	Q5.Other	Chico Research Foundation
Mouse models of the neuropathology of tuberous sclerosis complex	\$253,177	Q2.S.D	University of Texas Health Science Center at Houston
Functional circuit disorders of sensory cortex in ASD and RTT	\$254,976	Q2.S.D	University of Pennsylvania
Core A: Administrative Services	\$255,048	Q7.Other	Vanderbilt University
Development of an executive function-based intervention for autism spectrum disorder	\$255,420	Q4.Other	Children's Research Institute
Training outpatient clinicians to deliver cognitive behavior therapy to children	\$255,550	Q4.S.C	University of Colorado Denver
Neural mechanisms of tactile sensation in rodent somatosensory cortex	\$256,605	Q2.Other	University of California, Berkeley
ACE Center: Understanding repetitive behavior in autism	\$257,803	Q4.L.A	University of California, Los Angeles
Young development of a novel pet ligand for detecting oxytocin receptors in brain	\$261,360	Q2.Other	Emory University
ACE Center: Auditory mechanisms of social engagement	\$263,206	Q1.Other	Yale University
ACE Center: Imaging autism biomarkers + risk genes	\$263,940	Q3.Other	University of California, San Diego
Treatment of medical conditions among individuals with autism spectrum disorders	\$264,726	Q2.S.E	National Institutes of Health
Neuroimmunologic investigations of autism spectrum disorders (ASD)	\$264,726	Q2.S.F	National Institutes of Health
Neural synchronydysfunction of gamma oscillations in autism	\$265,073	Q2.Other	University of Colorado Denver
Longitudinal studies of autism spectrum disorders: 2 to 23 (supplement)	\$265,497	Q6.L.B	University of Michigan
1/3-Atomoxetine placebo and parent training in autism	\$269,971	Q4.S.F	University of Pittsburgh
iPrompt to improve teaching students with ASD	\$271,835	Q4.L.D	HandHold Adaptive, LLC
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	\$272,245	Q1.L.A	University of California, San Diego
3/3-Atomoxetine placebo and parent training in autism	\$274,428	Q4.S.F	University of Rochester
Contingency analyses of observing and attending in intellectual disabilities	\$276,291	Q4.S.G	University of Massachusetts Medical School
Core E: Participant Recruitment & Assessment Services	\$277,512	Q7.Other	Vanderbilt University

Project Title	Funding	Strategic Plan Objective	Institution
GABAergic dysfunction in autism	\$278,486	Q2.Other	University of Minnesota
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	\$278,656	Q2.S.D	University of Texas Southwestern Medical Center
PA Community on Transition: Achieving outcomes through a shared agenda	\$281,250	Q6.L.A	Pennsylvania Office of Vocational Rehabilitation - Department of Labor & Industry
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$281,742	Q2.S.E	University of Melbourne
Animal model of speech sound processing in autism	\$283,249	Q4.S.B	University of Texas at Dallas
Controlled trial of sertraline in young children with Fragile X Syndrome	\$285,177	Q4.L.A	University of California, Davis
Learning and plasticity in the human brain	\$286,110	Q2.Other	National Institutes of Health
Leadership training in high-need students with severe disabilities/autism	\$287,590	Q7.K	Vanderbilt University
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	\$291,260	Q4.S.B	University of California, San Francisco
Low Incidence and Diversity Endorsement Project (LIDE)	\$291,401	Q5.L.C	University of Colorado Board of Regents
The development of joint attention after infancy	\$291,832	Q1.L.C	Georgia State University
Functional neuroanatomy of developmental changes in face processing	\$291,933	Q2.Other	Medical University of South Carolina
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$292,721	Q3.S.J	University of Wisconsin - Madison
ACE Center: Gaze perception abnormalities in infants with ASD	\$293,130	Q1.L.A	Yale University
Molecular mechanisms regulating synaptic strength	\$293,266	Q2.Other	Washington University in St. Louis
ACE Center: Eye-tracking studies of social engagement	\$293,269	Q1.L.B	Yale University
Transition to adult services for youth with autism spectrum disorder	\$294,647	Q6.L.A	Massachusetts General Hospital
Parent-based sleep education program for children with autism spectrum disorders	\$295,434	Q4.Other	Vanderbilt University
Parent implemented training for autism through teleconsultation (PITA-T)	\$296,146	Q5.L.A	West Virginia University
Live Interactive Broadcast Equalizing Rural Access to Teacher Education (LIBERATE) - Training personnel to serve school-age children with low incidence disabilities	\$297,730	Q5.L.A	University of Utah
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$297,849	Q5.Other	University of Texas of the Permian Basin
Use of a family navigator in families with children newly diagnosed with autism spectrum disorder	\$298,072	Q5.S.A	Boston University School of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
NM-PASS (New Mexico-Preparing Autism Spectrum Specialists)	\$298,562	Q5.L.C	Board of Regents of New Mexico State University
Social and affective components of communication	\$298,757	Q2.Other	Salk Institute For Biological Studies
Transdisciplinary approaches to autism spectrum disorders	\$299,536	Q5.Other	San Diego State University Foundation
Improved early identification of autism in Latino children	\$299,955	Q5.L.A	Georgetown University
Behavioral treatment through in-home telehealth for young children with autism	\$299,972	Q5.L.A	University of Iowa
Preparing special educators in autism spectrum disorders	\$299,979	Q5.Other	University of Central Florida
Efficacy of the home TEACCHing program for toddlers with autism	\$299,997	Q4.L.D	University of North Carolina at Chapel Hill
Personnel development to improve services and results for children with disabilities	\$299,997	Q5.L.C	San Diego State University Foundation
Birth to kindergarten professional preparation: Inclusive services for children with Autism Spectrum Disorders	\$299,998	Q5.Other	University of North Carolina at Greensboro
A parent to parent model of support and service coordination for families of preschool age children with ASD	\$300,000	Q5.S.A	University of Connecticut Health Center
Comprehensive support for families with autism: A parent-based mentoring approach	\$300,000	Q5.S.C	University of Colorado Denver
Evaluating the impact of early intervention services on young children with autism spectrum disorders and their families: A state systems approach	\$300,000	Q5.S.C	Health Research, Inc./New York State Department of Health
Studying the impact of service-learning on career development, self-determination, and social skill building for youth with autism spectrum disorders	\$300,000	Q6.S.A	University of Massachusetts Boston
Epidemiologic studies of reproductive and developmental outcomes – Denmark	\$300,054	Q3.S.H	Aarhus University
Serotonin, corpus callosum, and autism	\$300,218	Q4.S.B	University of Mississippi Medical Center
Imaging PTEN-induced changes in adult cortical structure and function in vivo	\$300,339	Q2.Other	University of California, Los Angeles
ACE Center: Linguistic and social responses to speech in infants at risk for autism	\$301,655	Q1.L.A	University of Washington
Parent-implemented social-pragmatic communication intervention for young children with developmental disabilities	\$302,254	Q4.L.D	Illinois State University
ACE Center: Mirror neuron and reward circuitry in autism	\$302,654	Q2.Other	University of California, Los Angeles
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$302,820	Q1.L.A	University of California, San Diego
ACE Center: Optimizing social and communication outcomes for toddlers with autism	\$303,029	Q4.L.D	University of California, Los Angeles



Project Title	Funding	Strategic Plan Objective	Institution
Development of intermodal perception of social events: Infancy to childhood	\$306,550	Q1.L.C	Florida International University
Using functional physiology to uncover the fundamental principles of visual cortex	\$307,593	Q2.Other	Carnegie Mellon University
Regulation of 22q11 genes in embryonic and adult forebrain	\$308,631	Q2.S.D	George Washington University
ACE Center: The development of the siblings of children with autism: A longitudinal study	\$309,408	Q1.L.B	University of California, Los Angeles
Cerebellar modulation of frontal cortical function	\$309,686	Q2.Other	University of Memphis
ACE Center: Clinical Phenotype: Recruitment and Assessment Core	\$310,430	Q1.L.A	University of California, San Diego
Predicting phenotypic trajectories in Prader-Willi syndrome	\$310,752	Q2.S.D	Vanderbilt University
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	\$310,894	Q4.L.D	Vanderbilt University
ACE Center: The Diagnostic and Assessment Core	\$310,925	Q7.Other	University of California, Los Angeles
Language development and outcome in children with autism	\$311,574	Q1.L.C	University of Connecticut
2/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$311,729	Q4.L.C	Seattle Children's Hospital
Caspr2 as an autism candidate gene: A proteomic approach to function & structure	\$312,000	Q2.Other	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Development of neural pathways in infants at risk for autism spectrum disorders	\$312,028	Q1.L.A	University of California, San Diego
Cell specific genomic imprinting during cortical development and in mouse models	\$312,559	Q3.S.J	Harvard University
Proteomics in drosophila to identify autism candidate substrates of UBE3A	\$313,159	Q2.S.D	University of Tennessee Health Science Center
Effects of therapeutic horseback riding on children and adolescents with autism spectrum disorders	\$313,179	Q4.S.C	University of Colorado Denver
MeCP2 modulation of bdnf signaling: Shared mechanisms of Rett and autism	\$314,059	Q2.S.D	University of Alabama at Birmingham
Revealing protein synthesis defects in fragile X syndrome with new chemical tools	\$315,341	Q2.S.D	Stanford University
Perception of social and physical contingencies in infants with ASD	\$319,523	Q1.L.B	Emory University
Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$320,000	Q2.S.A	University of Pennsylvania
Inhibitory mechanisms for sensory map plasticity in cerebral cortex	\$320,399	Q2.Other	University of California, Berkeley

Project Title	Funding	Strategic Plan Objective	Institution
3/3-Multisite RCT of early intervention for spoken communication in autism (supplement)	\$323,097	Q4.S.F	Kennedy Krieger Institute
CRCNS: Ontology-based multi-scale integration of the autism phenome	\$323,887	Q7.O	Stanford University
ACE Center: Neuroimaging studies of connectivity in ASD	\$324,271	Q2.Other	Yale University
ACE Center: Genetics of language & social communication: Connecting genes to brain & cognition	\$324,642	Q2.S.G	University of California, Los Angeles
Autism and Developmental Disabilities Monitoring (ADDM) network - Colorado	\$324,870	Q7.I	Colorado Department of Health and Environment
ACE Center: The Imaging Core	\$326,257	Q7.Other	University of California, Los Angeles
ACE Center: Rare variant genetics, contactin-related proteins and autism	\$326,348	Q3.L.B	Yale University
Statistical analysis of biomedical imaging data in curved space	\$326,619	Q2.Other	University of North Carolina at Chapel Hill
Locus-specific imprinting on the mammalian X chromosome	\$327,994	Q3.S.J	University of Connecticut
Partnering with autistic adults to develop tools to improve primary healthcare	\$329,490	Q6.L.A	Oregon Health & Science University
The role of MeCP2 in Rett syndrome	\$329,781	Q2.S.D	University of California, Davis
Neurodevelopmental mechanisms of social behavior	\$331,208	Q2.Other	University of Southern California
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$331,421	Q6.L.A	University of Virginia
Molecular mechanisms linking early life seizures, autism and intellectual disability	\$332,369	Q2.S.E	University of Colorado Denver
Communication success and AAC: A model of symbol acquisition	\$332,388	Q4.S.G	University of Kansas
The microstructural basis of abnormal connectivity in autism	\$332,991	Q2.Other	University of Utah
Virtual Environment for Social Information Processing (VESIP) Phase II	\$335,758	Q4.Other	Soar Technology, Inc.
Novel genetic models of autism	\$336,813	Q4.S.B	University of Texas Southwestern Medical Center
1/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$337,175	Q4.L.C	Indiana University-Purdue University Indianapolis
Elucidating the function of class 4 semaphorins in GABAergic synapse formation	\$337,818	Q2.Other	Brandeis University
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri	\$341,502	Q7.I	Washington University in St. Louis
The genetic control of social behavior in the mouse	\$342,540	Q4.S.B	University of Hawai'i at Manoa
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$344,170	Q7.I	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Interdisciplinary training for autism researchers	\$344,214	Q7.K	University of California, Davis
Electrophysiological signatures of language impairment in autism spectrum disorder	\$344,521	Q1.L.B	University of Pennsylvania/Children's Hospital of Philadelphia
Neurobehavioral research on infants at risk for SLI and autism (supplement)	\$345,307	Q1.L.A	Boston University
Cellular density and morphology in the autistic temporal human cerebral cortex	\$345,910	Q2.Other	University of California, Davis
Cognitive mechanisms of serially organized behavior	\$346,928	Q2.Other	Columbia University
Psychobiological investigation of the socioemotional functioning in autism	\$347,305	Q2.Other	Vanderbilt University
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah	\$348,095	Q7.I	University of Utah
Patient iPS cells with copy number variations to model neuropsychiatric disorders	\$348,624	Q4.S.B	The Hospital for Sick Children
ACE Center: MRI studies of early brain development in autism	\$349,341	Q1.L.A	University of California, San Diego
Adaptive response technology for autism spectrum disorders intervention	\$349,876	Q4.Other	Vanderbilt University
Vocational rehabilitation service models for individuals with autism spectrum disorders (VCU ASC Career Links)	\$350,000	Q6.S.B	Virginia Commonwealth University
SEDL's vocational rehabilitation service models for individuals with autism spectrum disorders	\$350,000	Q6.S.B	Southwest Educational Development Corporation
Development of face processing expertise	\$350,596	Q2.Other	University of Toronto
Neurobiology of sociability in a mouse model system relevant to autism	\$350,831	Q4.S.B	University of Pennsylvania
Olfactory abnormalities in the modeling of Rett syndrome	\$351,575	Q2.S.D	Johns Hopkins University
Physiology of attention and regulation in children with ASD and LD	\$352,532	Q2.Other	Seattle Children's Hospital
The microRNA pathway in translational regulation of neuronal development	\$352,647	Q2.S.D	University of Massachusetts Medical School
Autism and Developmental Disabilities Monitoring (ADDM) network - Arkansas	\$352,880	Q7.I	University of Arkansas for Medical Sciences
Trial of a glutamate antagonist in the treatment of OCD and autistic disorders	\$352,969	Q4.L.A	National Institutes of Health
Robot child interactions as an intervention tool for children with autism	\$353,250	Q4.Other	University of Connecticut
Extraction of functional subnetworks in autism using multimodal MRI	\$353,349	Q1.L.B	Yale University
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina	\$354,024	Q7.I	Medical University of South Carolina

Project Title	Funding	Strategic Plan Objective	Institution
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin	\$354,025	Q7.I	University of Wisconsin - Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - Maryland	\$354,025	Q7.I	Johns Hopkins University
Autism and Developmental Disabilities Monitoring (ADDM) network - Alabama	\$354,025	Q7.I	University of Alabama at Birmingham
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona	\$354,025	Q7.I	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey	\$354,026	Q7.I	University of Medicine & Dentistry of New Jersey
Optimizing initial communication for children with autism	\$356,014	Q4.S.G	University of Massachusetts Medical School
Delayed motor learning in autism	\$356,598	Q4.Other	Brandeis University
2/3-Atomoxetine placebo and parent training in autism	\$356,865	Q4.S.F	The Ohio State University
Emergence and stability of autism in fragile X syndrome	\$358,000	Q2.S.D	University of South Carolina
Developing a school-based social competence intervention (SCI)	\$358,118	Q4.L.D	University of Missouri
Neural basis of behavioral flexibility	\$360,214	Q2.Other	Mount Sinai School of Medicine
Central vasopressin receptors and affiliation	\$360,225	Q4.S.B	Emory University
Molecular components of A-type K <sup>+</sup> channels	\$363,366	Q2.S.E	New York University School of Medicine
Targeted pharmacologic interventions for autism	\$363,488	Q4.L.C	Indiana University-Purdue University Indianapolis
Linking local activity and functional connectivity in autism	\$365,655	Q2.Other	San Diego State University
Study of fragile X mental retardation protein in synaptic function and plasticity	\$366,516	Q2.S.D	University of Texas Southwestern Medical Center
Selective disruption of hippocampal dentate granule cells in autism: Impact of PTEN deletion	\$367,500	Q2.S.E	Cincinnati Children's Hospital Medical Center
Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells	\$368,475	Q4.S.B	Stanford University
Early social and emotional development in toddlers at genetic risk for autism	\$369,348	Q1.L.A	University of Pittsburgh
SOTELCO in classroom settings	\$369,578	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Prostaglandins and cerebellum development	\$371,250	Q2.S.A	University of Maryland, Baltimore
Vasopressin receptor polymorphism and social cognition	\$373,005	Q2.Other	Agnes Scott College
Functional money skills readiness training: teaching relative values	\$374,926	Q5.Other	Praxis, Inc.
Mechanisms for 5-HTT control of PPI and perseverative behavior using mouse models	\$375,589	Q2.S.G	University of Chicago
Restricted repetitive behavior in autism	\$377,158	Q1.L.B	University of North Carolina at Chapel Hill
Synaptic processing in the basal ganglia	\$378,166	Q2.Other	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Cognitive affective and neurochemical processes underlying is in autism	\$378,379	Q2.Other	University of Illinois at Chicago
ACE Center: Genetics of serotonin in autism: Neurochemical and clinical	\$378,379	Q2.S.G	University of Illinois at Chicago
ACE Center: The pharmacogenetics of treatment for insistence sameness in autism	\$378,379	Q4.L.A	University of Illinois at Chicago
ACE Center: Data and Statistics Core	\$378,379	Q7.Other	University of Illinois at Chicago
ACE Center: Assessment Core	\$378,379	Q7.Other	University of Illinois at Chicago
Sex chromosomes, epigenetics, and neurobehavioral disease	\$378,841	Q3.S.K	University of Virginia
Neural economics of biological substrates of valuation	\$379,913	Q1.L.C	Baylor College of Medicine
Towards an endophenotype for amygdala dysfunction	\$380,304	Q2.Other	California Institute of Technology
Mechanisms of stress-enhanced aversive conditioning	\$381,250	Q4.S.B	Northwestern University
Imaging signal transduction in single dendritic spines	\$382,200	Q2.Other	Duke University
Limbic system function in carriers of the fragile X premutation (supplement)	\$382,500	Q2.S.D	University of California, Davis
Efficacy and sustainability of the STAR program	\$383,488	Q4.S.D	University of Pennsylvania
Typical and pathological cellular development of the human amygdala	\$383,750	Q2.Other	University of California, Davis
Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$386,859	Q2.Other	Georgetown University
Neurexin function in vivo: Implications for autism and mental retardation	\$388,575	Q4.S.B	University of Texas Southwestern Medical Center
iSKILLS : The audio/video guidance repository for life skills	\$389,442	Q4.L.D	University of Georgia
Neurobiological signatures of social dysfunction and repetitive behavior	\$389,854	Q4.S.B	Vanderbilt University
A family-genetic study of language in autism	\$389,948	Q2.S.G	Northwestern University
Allelic choice in Rett syndrome	\$390,481	Q2.S.D	Winifred Masterson Burke Medical Research Institute
The genetic and neuroanatomical origin of social behavior	\$391,250	Q4.S.B	Baylor College of Medicine
Sensory mechanisms and self-injury	\$392,262	Q2.S.E	University of Minnesota
2/3-Multisite RCT of early intervention for spoken communication in autism	\$392,336	Q4.S.F	University of Rochester
ACE Center: Development of categorization, facial knowledge in low & high functioning autism	\$392,439	Q2.Other	University of Pittsburgh
3/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$393,205	Q4.L.C	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Pragmatic skills of young males and females with fragile X syndrome	\$396,073	Q2.L.A	University of North Carolina at Chapel Hill
Impacts of parenting adolescents & adults with autism	\$396,727	Q6.L.B	University of Wisconsin - Madison
Successful transition in the early school years for children with autism	\$398,103	Q5.Other	University of California, Riverside
ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders	\$398,723	Q3.L.B	University of California, San Diego
LEAP-USA follow-up project	\$398,834	Q4.S.D	University of Colorado Denver
Synaptic phenotype, development, and plasticity in the fragile X mouse	\$401,852	Q2.S.D	University of Illinois at Urbana Champaign
Dysregulation of mTOR signaling in fragile X syndrome	\$403,767	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
CAREER: Statistical models and classification of time-varying shape	\$404,961	Q2.Other	University of Utah
High throughput screen for small molecule probes for neural network development	\$405,000	Q2.Other	Johns Hopkins University
Cellular and genetic correlates of increased head size in autism spectrum disorder	\$405,041	Q4.S.B	Yale University
Neural circuitry of social cognition in the broad autism phenotype	\$405,855	Q2.S.G	University of North Carolina at Chapel Hill
Long-term effects of early-life antipsychotic drug treatment	\$406,200	Q4.S.B	Northern Kentucky University
Molecular analysis of bipolar and schizophrenia candidate genes	\$408,400	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University
Social evaluation in infants and toddlers	\$409,613	Q1.L.B	Yale University
Development of face processing in infants with autism spectrum disorders	\$409,613	Q1.L.B	Yale University
Morphogenesis and function of the cerebral cortex	\$409,613	Q2.Other	Yale University
Motor skill learning in autism	\$412,236	Q2.Other	Kennedy Krieger Institute
Social brain networks for the detection of agents and intentions	\$413,750	Q2.Other	Yale University
Supporting teens with autism on relationships	\$415,990	Q6.L.A	Danya International, Inc.
Glial control of neuronal receptive ending morphology	\$418,275	Q2.Other	Rockefeller University
Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$419,137	Q2.S.D	University of Texas Southwestern Medical Center
ACE Center: Systems connectivity + brain activation: imaging studies of language + perception	\$426,284	Q2.Other	University of Pittsburgh
Neuronal activity-dependent regulation of MeCP2	\$426,857	Q2.S.D	Harvard Medical School
High-throughput DNA sequencing method for probing the connectivity of neural circuits at single-neuron resolution	\$430,650	Q2.Other	Cold Spring Harbor Laboratory

Project Title	Funding	Strategic Plan Objective	Institution
Neuroendocrine regulation of metabolism and neurocognition	\$434,644	Q2.S.E	National Institutes of Health
Behavioral and neural processing of faces and expressions in nonhuman primates	\$435,600	Q2.Other	Emory University
1/5-Randomized trial of parent training for young children with autism	\$438,608	Q4.S.D	Yale University
Parenting your young child with autism: A web-based tutorial	\$449,492	Q5.L.A	Center For Psychological Consultation
Multimedia tool for psychology graduate student ASD assessment training	\$449,703	Q1.S.A	Virtual Reality Aids, Inc.
Function of neurexins	\$466,651	Q2.Other	Stanford University
Atypical late neurodevelopment in autism: A longitudinal MRI and DTI study	\$469,620	Q2.Other	University of Utah
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$470,003	Q2.Other	Memorial Sloan-Kettering Cancer Center
Investigation of DUF1220 domains in human brain function and disease	\$471,018	Q3.L.B	University of Colorado Denver
Longitudinal studies of autism spectrum disorders: 2 to 23	\$473,982	Q6.L.B	University of Michigan
The ontogeny of social visual engagement in infants at risk for autism	\$479,226	Q1.L.A	Emory University
Integrative functions of the planum temporale	\$479,898	Q2.Other	University of California, Irvine
Cross-modal interactions between vision and touch	\$480,343	Q2.Other	Emory University
Autism iPSCs for studying function and dysfunction in human neural development	\$481,461	Q4.S.B	Scripps Research Institute
Early identification of autism: A prospective study	\$481,734	Q1.L.A	University of Pittsburgh
Identifying therapeutic targets for autism using SHANK3-deficient mice	\$483,773	Q4.S.B	Mount Sinai School of Medicine
Phase II. Digital Interactive Scene Program for Language in Autism (DISPL-A)	\$484,483	Q4.S.G	Monarch Teaching Technology, Inc.
BDNF and the restoration of synaptic plasticity in fragile X and autism	\$490,756	Q2.S.D	University of California, Irvine
Computer Assisted Autism Care (CAAC)	\$491,768	Q1.S.B	Indiana University-Purdue University Indianapolis
Test of integrated language and literacy skills validation research	\$492,135	Q1.Other	Western Michigan University
Sensory experiences in children with autism	\$492,743	Q1.Other	University of North Carolina at Chapel Hill
Interstate variation in healthcare utilization among children with ASD	\$492,828	Q5.S.A	University of Pennsylvania
Developing a 3D-based virtual learning environment for use in schools to enhance the social competence of youth with autism spectrum disorder	\$498,378	Q4.L.D	University of Missouri

Project Title	Funding	Strategic Plan Objective	Institution
Comprehensive autism program using Strategies for Teaching based on Autism Research	\$499,783	Q4.S.D	Portland State University
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$499,934	Q5.L.C	Pennsylvania State University-University Park
Preparation of leaders across the lifespan for autism	\$500,000	Q7.K	Texas A&M University
Genome-wide identification of variants affecting early human brain development	\$504,632	Q2.S.G	University of North Carolina at Chapel Hill
Development of the functional neural systems for face expertise	\$505,729	Q2.Other	University of California, San Diego
ACE Center: Structural and chemical brain imaging of autism	\$509,634	Q2.S.E	University of Washington
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$509,643	Q4.S.D	Florida State University
3/3-Multisite RCT of early intervention for spoken communication in autism	\$516,493	Q4.S.F	Kennedy Krieger Institute
Improving accuracy and accessibility of early autism screening	\$518,904	Q1.S.A	Total Child Health, Inc.
Administrative Core	\$529,954	Q7.Other	University of North Carolina at Chapel Hill
Genotype-phenotype relationships in fragile X families	\$530,124	Q2.S.D	University of California, Davis
Neurobiological correlates of language dysfunction in autism spectrum disorders	\$535,464	Q2.Other	The Mind Research Network
Cell adhesion molecules in CNS development	\$535,691	Q2.Other	Scripps Research Institute
fMRI studies of neural dysfunction in autistic toddlers	\$536,393	Q2.Other	University of California, San Diego
Development of novel diagnostics for fragile X syndrome	\$537,123	Q2.S.D	JS Genetics, Inc.
1/3-Multisite RCT of early intervention for spoken communication in autism	\$541,313	Q4.S.F	University of California, Los Angeles
ACE Center: Assessment Core	\$541,624	Q1.L.A	Yale University
Function and structure adaptations in forebrain development	\$541,770	Q2.Other	University of Southern California
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$542,684	Q4.S.B	University of Pennsylvania
Social-affective bases of word learning in fragile X syndrome and autism	\$544,482	Q1.Other	University of Wisconsin - Madison
Randomized controlled trial of the P.L.A.Y. Project intervention for autism	\$546,588	Q4.L.D	Richard Solomon MD, PLC
Autistic traits: Life course & genetic structure	\$548,446	Q2.S.G	Washington University in St. Louis
Sensory processing and integration in autism	\$550,283	Q2.Other	Albert Einstein College of Medicine of Yeshiva University



Project Title	Funding	Strategic Plan Objective	Institution
4/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$556,007	Q4.L.C	Yale University
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$560,625	Q4.S.B	University of Texas Health Science Center at San Antonio
Characterizing the genetic systems of autism through multi-disease analysis	\$560,935	Q2.S.G	Harvard Medical School
An open resource for autism iPSCs and their derivatives	\$561,337	Q7.D	Children's Hospital of Orange County
ACE Center: Genetic contributions to endophenotypes of autism	\$563,757	Q2.S.G	University of Washington
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$570,508	Q2.Other	University of Rochester
Serum antibody biomarkers for ASD	\$570,780	Q1.L.A	University of Texas Southwestern Medical Center
Epigenetic biomarkers of autism in human placenta	\$576,142	Q1.L.A	University of California, Davis
Finding autism genes by genomic copy number analysis	\$577,035	Q3.S.A	Boston Children's Hospital
Autism and the development of relational awareness	\$580,924	Q4.Other	University of British Columbia
Infants at risk of autism: A longitudinal study	\$582,633	Q1.L.A	University of California, Davis
Metabolic signature of antipsychotics used in the treatment of autism	\$588,750	Q4.L.C	University of Cincinnati
Isolation of autism susceptibility genes	\$591,231	Q3.S.A	deCODE Genetics, ehf.
Social-emotional development of infants at risk for autism spectrum	\$598,969	Q1.L.B	University of Washington
Predicting useful speech in children with autism	\$607,697	Q1.L.B	Vanderbilt University
Prenatal and neonatal biologic markers for autism	\$610,723	Q3.S.C	Kaiser Foundation Research Institute
ACE Center: Early detection and intervention in infants at risk for autism	\$614,004	Q1.L.B	University of Washington
Peer support and peer network interventions to improve peer relationships and school engagement	\$622,904	Q4.L.D	Vanderbilt University
A neuroimaging study of twin pairs with autism	\$625,808	Q2.S.G	Stanford University
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$628,392	Q3.S.J	Baylor College of Medicine
Rapid phenotyping for rare variant discovery in autism	\$645,169	Q3.S.A	University of California, Los Angeles
AIR-P Research RFAs	\$649,013	Q7.K	N/A
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	\$651,465	Q4.S.F	Medical University of South Carolina
Brain bases of language deficits in SLI and ASD	\$651,988	Q2.Other	Massachusetts Institute of Technology
Mathematical cognition in autism: A cognitive and systems neuroscience approach	\$657,886	Q2.Other	Stanford University
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$661,373	Q4.L.D	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Novel computational methods for higher order diffusion MRI in autism	\$665,572	Q2.Other	University of Pennsylvania
Neurobehavioral research on infants at risk for SLI and autism	\$671,693	Q1.L.A	Boston University
Limbic system function in carriers of the fragile X premutation	\$677,700	Q2.S.D	University of California, Davis
Gene dosage imbalance in neurodevelopmental disorders	\$690,019	Q1.S.E	Weis Center For Research - Geisinger Clinic
Next generation gene discovery in familial autism	\$699,721	Q3.L.B	University of Washington
Evaluation of a comprehensive community-based intervention for toddlers with ASD	\$701,785	Q4.S.D	University of Oklahoma
RNA expression patterns in autism	\$705,545	Q3.L.B	Boston Children's Hospital
Kinetics of drug macromolecule complex formation	\$712,920	Q2.Other	University of California, San Diego
ATN Registry	\$714,000	Q7.O	N/A
Autism Registry	\$730,343	Q7.C	Group Health Cooperative
Autism: Social and communication predictors in siblings	\$738,922	Q1.L.B	Kennedy Krieger Institute
Improving social-communication, literacy, and adaptive behaviors for young children with autism spectrum disorders	\$744,999	Q4.L.D	University of Kansas
A randomized trial of the SCERTS curriculum for students with autism spectrum disorders in early elementary school classrooms	\$749,772	Q4.S.D	Florida State University
National Resource and Information Center on Autism Spectrum Disorder and other Developmental Disabilities	\$750,000	Q5.Other	The Arc of the United States
Computational characterization of language use in autism spectrum disorder	\$759,606	Q2.Other	Oregon Health & Science University
Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$764,608	Q3.S.J	University of California, Los Angeles
Dissecting the neural control of social attachment	\$764,776	Q4.S.B	University of California, San Francisco
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	\$768,670	Q4.S.D	University of North Carolina at Chapel Hill
Using induced pluripotent stem cells to identify cellular phenotypes of autism	\$792,000	Q4.S.B	Stanford University
Social determinants of the autism epidemic	\$796,950	Q3.L.D	Columbia University
The genetic basis of mid-hindbrain malformations	\$805,771	Q2.S.G	Seattle Children's Hospital
Understanding the cognitive impact of early life epilepsy	\$836,550	Q2.S.E	Boston Children's Hospital
ACE Center: Subject assessment and recruitment core	\$845,682	Q7.Other	University of Pittsburgh
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$866,055	Q4.S.D	Weill Cornell Medical College

Project Title	Funding	Strategic Plan Objective	Institution
Genetic epidemiology of complex traits	\$880,653	Q3.L.B	National Institutes of Health
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$900,000	Q3.L.D	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$900,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$900,000	Q3.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$900,000	Q3.L.D	Michigan State University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$900,000	Q3.L.D	Colorado Department of Health and Environment
The CHARGE Study: CHildhood Autism Risks from Genetics and the Environment	\$965,562	Q3.S.C	University of California, Davis
The Professional Development Center: Children with autism spectrum disorders	\$1,000,000	Q5.L.C	University of North Carolina at Chapel Hill
Early detection of pervasive developmental disorders	\$1,025,577	Q1.S.A	University of Connecticut
Metropolitan Atlanta Developmental Disabilities Surveillance Program/Autism and Developmental Disabilities Monitoring (ADDM) network - Georgia	\$1,092,786	Q7.I	Centers for Disease Control and Prevention (CDC)
The cognitive neuroscience of autism spectrum disorders	\$1,102,811	Q2.Other	National Institutes of Health
Molecular and genetic epidemiology of autism	\$1,125,352	Q3.L.B	University of Miami Miller School of Medicine
A randomized, controlled trial of intranasal oxytocin as an adjunct to behavioral therapy for autism spectrum disorder	\$1,159,063	Q4.S.C	Massachusetts General Hospital
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$1,307,234	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Tennessee state personnel development grant	\$1,471,361	Q5.Other	Tennessee Department of Education
ACE Network: Early pharmacotherapy guided by biomarkers in autism	\$1,498,245	Q4.S.F	Wayne State University
National Database on Autism Research (NDAR)	\$1,517,596	Q7.H	Center For Information Technology, National Institutes of Health
Studies of pediatrics patients with genetic and metabolic disorders	\$1,546,115	Q4.S.B	National Institutes of Health
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,650,000	Q3.L.D	Johns Hopkins University
Comprehensive systems change through RTI and SW-PBS	\$1,660,712	Q5.L.C	Colorado Department of Education - Exceptional Student Leadership Unit
Functional anatomy of face processing in the primate brain	\$1,720,556	Q2.Other	National Institutes of Health
Animal models of neuropsychiatric disorders	\$1,776,673	Q4.S.B	National Institutes of Health

Project Title	Funding	Strategic Plan Objective	Institution
Autism Intervention Research Network on Physical Health (AIR-P network)	\$1,797,880	Q4.S.A	Massachusetts General Hospital
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,858,222	Q3.S.C	University of California, Davis
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,930,288	Q4.S.D	University of California, Los Angeles
Regulation of gene expression in the brain	\$2,003,514	Q4.S.B	National Institutes of Health
Environment, the perinatal epigenome, and risk for autism and related disorders	\$2,014,788	Q3.S.J	Johns Hopkins University
Center for Genomic and Phenomic Studies in Autism	\$2,032,846	Q3.S.C	University of Southern California
Clinical and behavioral phenotyping of autism and related disorders	\$2,117,811	Q1.L.B	National Institutes of Health
Learn the signs. Act early. - Improving early identification of ASDs through improved parental awareness of developmental milestones	\$2,476,719	Q5.L.A	Centers for Disease Control and Prevention (CDC)
ACE Network: A comprehensive approach to identification of autism susceptibility genes	\$2,759,732	Q3.L.B	University of California, Los Angeles
ACE Network: A multi-site randomized study of intensive treatment for toddlers with autism	\$2,819,081	Q4.S.D	University of California, Davis
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network	\$2,864,377	Q3.L.A	Drexel University
Gene-environment interactions in an autism birth cohort	\$3,183,066	Q3.L.D	Columbia University Health Sciences
ACE Network: A longitudinal MRI study of infants at risk for autism	\$3,246,479	Q1.L.A	University of North Carolina at Chapel Hill
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	\$3,465,570	Q3.S.H	Boston Medical Center
Office of the Scientific Director	\$6,957,996	Q7.Other	National Institutes of Health

